

Ladies and Gentlemen of the Commission:

As an electronics engineer and amateur radio operator I find the BPL proposal ill advised. This proposal will allow utilities to further pollute the HF radio spectrum at the expense of, not just amateur radio, but all other HF radio users. What of the interference which might be caused by other licensed services to BPL? Will a licensed service lose the right to operate if interference is caused to BPL systems? The present FCC Part 15 limits for this technology already result in substantial interference potential to not only amateur frequencies, but also all HF radio users. Numerous studies, reports, and observations have been made in several countries citing interference in the HF spectrum produced by BPL. Japan has sided against this technology as being detrimental to HF communication users. While demonstrations to the commission showed the bright side of BPL they failed to address what happened to HF communication channels. BPL systems that radiate over wide swaths of spectrum and that occupy entire neighborhoods have greater interference potential than other localized systems.

Prior to writing these comments I called the weekly Oklahoma ARES (Amateur Radio Emergency Service) HF radio net. Band conditions were poor but we were able to establish communications and pass our traffic. Had we been subject to interference from other sources (BPL) these operations would not have been possible. This situation could not be tolerated in time of emergency.

Amateur Radio is a valuable resource that must be protected. The FCC has promised to protect Amateur Radio and all other licensed users of the spectrum. We hold the commission, Chairman Powell and Commissioners Abernathy, Copps and Martin to that promise.

Respectfully,

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